

**REMARKS**

Applicants thank the Examiner for total consideration given the present application. Claims 1-18 are currently pending. Claims 1-5 and 15-18 are independent. Applicants respectfully request reconsideration of rejected claim 1 in light of the remarks presented herein, and earnestly seek timely allowance of all pending claims.

**ALLOWABLE SUBJECT MATTER**

Applicants appreciate that claims 2-6, 8-12 and 14-18 are allowed. Applicants further appreciate that Claims 7 and 13 are indicated to define allowable subject-matter.

**DOUBLE PATENTING REJECTION**

Claim 1 stands rejected under 35 U.S.C. § 101 as allegedly claiming the same invention as that of claim 1 of co-pending Application No. 2007/0125115 A1 (hereinafter “the ‘115 application”). Applicants respectfully traverse this rejection because claim 1 of the instant application is not the same invention as that of claim 1 of the ‘115 application.

Claim 1 of the instant application recites, inter alia, as follows:

the refrigerant circuit is further provided with an adsorption heat exchanger on the surface of which an adsorbent for moisture adsorption thereon and moisture desorption therefrom is carried, and

the air conditioning system is configured to supply air having passed through the adsorption heat exchanger to the room space through the utilization side heat exchanger.

Whereas, claim 1 of the ‘115 application recites, inter alia, as follows:

an adsorption heat exchanger with an adsorbent on the surface thereof and an air heat exchanger disposed in the building for exchanging heat between indoor air and refrigerant are connected as the utilization side heat exchanger in the refrigerant circuit, and

the refrigerant circuit alternately creates an adsorption action of allowing moisture in the air to adsorb on the adsorption heat exchanger and a regeneration action of allowing moisture to desorb from the adsorption heat exchanger.

As demonstrated above, claim 1 of the instant application does not include an air heat exchanger disposed in the building as recited in claim 1 of the '115 application.

Further, the refrigerant circuit of claim 1 of the instant application does not recite the limitation of alternately creating an adsorption action of allowing moisture in the air to adsorb on the adsorption heat exchanger and a regeneration action of allowing moisture to desorb from the adsorption heat exchanger as recited in claim 1 of the '115 application.

In addition, the air conditioning system of claim 1 of the instant application recites, *inter alia*, "the air conditioning system is configured to supply air having passed through the adsorption heat exchanger to the room space through the utilization side heat exchanger."

Whereas, claim 1 of the '115 application does not include the above-noted limitation.

Therefore, for at least the above reasons, it is respectfully submitted that claim 1 of the instant application is not the same invention as that of claim 1 of the '115 application.

Accordingly, Applicants respectfully request that the double patenting rejection of claim 1 be withdrawn.

### CONCLUSION

In view of the above amendment, Applicants believe the pending application is in condition for allowance.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Ali M. Imam Reg. No. 58,755 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

Application No. 10/581,191  
Amendment dated September 23, 2009  
Reply to Office Action of August 6, 2009

Docket No.: 4633-0171PUS1

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Dated: September 23, 2009

Respectfully submitted,

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